



P23968.A01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kiyoshi KAWANO et al.

Group Art Unit : 2613

Serial No : 10/687,598

Examiner : Unknown

Filed : October 20, 2003

For : PORTABLE ELECTRONIC DEVICE

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir :

In accordance with the duty of disclosure under C.F.R. §1.56, and §1.97-1.98, Applicants hereby call the following documents to the Examiner's attention:

Japanese Laid-Open Patent Publication No. 36-12387, published on August 2, 1961, together with an English language translation of the same;

Japanese Laid-Open Patent Publication No. 57-79909, published on May 19, 1982, together with an English language translation of the same;

Japanese Laid-Open Patent Publication No. 62-96919, published on May 6, 1987, together with an English language translation of the same;

Japanese Laid-Open Patent Publication No. 5-2132, published on January 8, 1993, together with an English language translation of the same;

Japanese Laid-Open Patent Publication No. 6-2330, published on January 14, 1994, together with an English language translation of the same;

Japanese Laid-Open Patent Publication No. 7-8848, published on February 7, 1995,

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together with an English language translation of the same;

Japanese Laid-Open Patent Publication No. 7-283978, published on October 27, 1995,  
together with an English language translation of the same;

Japanese Laid-Open Patent Publication No. 11-248996, published on September 17,  
1999, together with an English language Abstract of the same;

Japanese Patent Publication No. 2624556, published on April 11, 1997, together with an  
English language translation of the same;

Japanese Patent Publication No. 2922658, published on April 30, 1999, together with an  
English language translation of the same;

Japanese Laid-Open Patent Publication No. 2001-281555, published on October 10 2001,  
the English language counterpart being U.S. Patent Application Publication No. 2001/0028498 to  
HAGA et al., published on October 11, 2001;

Japanese Laid-Open Patent Publication No. 2001-311868, published on November 9,  
2001, together with an English language Abstract of the same;

International Publication No. WO 01/52531 A1, published on July 19, 2001;

U.S. Patent No. 4,067,027 to YAMAZAKI, issued on January 2, 1978;

U.S. Patent No. 4,262,988 to ISHIBAI et al., issued on April 21, 1981;

U.S. Patent No. 4,400,065 to NAGLER, issued on August 23, 1983;

U.S. Patent No. 5,583,692 to FUNATSU, issued on December 10, 1996;

U.S. Patent No. 5,729,390 to ABE, issued on March 17, 1998;

U.S. Patent No. 5,926,657 to HASUSHITA, issued on July 20, 1999;

U.S. Patent No. 6,088,053 to HAMMACK et al., issued on July 11, 2000;

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U.S. Patent Application Publication No. 2003-0072567 to ABE, which published on April 17, 2003;

U.S. Patent Application Publication No. 2003-0072091 to ABE, which published on April 17, 2003;

U.S. Patent Application Publication No. 2003-0063382 to HIRUNUMA et al., which published on April 3, 2003;

U.S. Patent Application Publication No. 2003-0063381 to ABE, which published on April 3, 2003;

U.S. Patent Application Publication No. 2003-0086164 to ABE, which published on May 8, 2003;

U.S. Patent Application Publication No. 2003-0063209 to ENOMOTO et al., which published on April 3, 2003;

U.S. Patent Application Publication No. 2003-0063189 to HIRUNUMA et al., which published on April 3, 2003;

U.S. Patent Application Publication No. 2003-0063380 to HIRUNUMA et al., which published on April 3, 2003;

U.S. Patent Application Publication No. 2003-0151807 to HIRUNUMA et al., which published on August 14, 2003;

U.S. Patent Application Publication No. 2003-0151808 to HIRUNUMA et al., which published on August 14, 2003; and

U.S. Patent Application Publication No. 2003-0151660 to HIRUNUMA et al., which published on August 14, 2003.

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Applicants respectfully request that the Examiner consider the above materials and cite the patent documents and enclosed translations. Copies of the above-noted documents are attached and have been listed on a PTO-1449 Form which is also attached hereto. Accordingly, the Examiner is requested to initial the appropriate spaces on the attached PTO-1449 Form and to return a copy of the Form to the Applicant with the next official communication in the present application to confirm consideration of these documents.

Further to the U.S. Patent and Trademark Office's decision to waive the requirement under 37 C.F.R. 1.98 (a)(2)(i), copies of the U.S. patents and U.S. patent application publications are not enclosed herewith. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,  
Kiyoshi KAWANO

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Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P23968Serial No.  
10/687,598INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant  
Kiyoshi KAWANO et al.Filing Date  
October 20, 2003Group  
2613

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 0 6 7 0 2 7	01/02/78	YAMAZAKI			
	4 2 6 2 9 8 8	04/21/81	ISHIBAL et al.			
	4 4 0 0 0 6 5	08/23/83	NAGLER			
	5 5 8 3 6 9 2	12/10/96	FUNATSU			
	5 7 2 9 3 9 0	03/17/98	ABE			
	5 9 2 6 6 5 7	07/20/99	HASUSHITA			
	6 0 8 8 0 5 3	07/11/00	HAMMACK et al.			
2003	0 0 7 2 5 6 7	04/17/03	ABE			
2003	0 0 7 2 0 9 1	04/17/03	ABE			
2003	0 0 6 3 3 8 2	04/03/03	HIRUNUMA ET AL.			
2003	0 0 6 3 3 8 1	04/03/03	ABE			
2003	0 0 8 6 1 6 4	05/08/03	ABE			
2003	0 0 6 3 2 0 9	04/03/03	ENOMOTO et al.			
2003	0 0 6 3 1 8 9	04/03/03	HIRUNUMA et al.			
2003	0 0 6 3 3 8 0	04/03/03	HIRUNUMA et al.			
2003	0 1 5 1 8 0 7	08/14/03	HIRUNUMA et al.			
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2001	0 0 2 8 4 9 8	10/11/01	HAGA et al.			

## FOREIGN PATENT DOCUMENTS

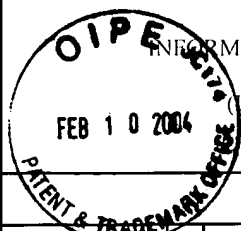
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## FOREIGN PATENT DOCUMENTS

										CLASS	SUBCLASS	TRANSLATION YES NO		
	3	6	-	1	2	3	8	7	08/02/61	JAPAN			X	
	5	7	-	7	9	9	0	7	05/19/82	JAPAN			X	
	6	2	-	9	6	9	1	9	05/06/87	JAPAN			X	
			5	-	2	1	3	2	01/08/93	JAPAN			X	
			6	-	2	3	3	0	01/14/94	JAPAN			X	
			7	-	8	8	4	8	02/07/95	JAPAN			X	
	7	-	2	8	3	9	7	8	10/27/95	JAPAN			X	
I	1	-	2	4	8	9	9	6	09/17/99	JAPAN				
		2	6	2	4	5	5	6	04/11/97	JAPAN			X	
		2	9	2	2	6	5	8	04/30/99	JAPAN			X	
2001		-	2	8	1	5	5	5	10/10/01	JAPAN				
2001			3	1	1	8	6	8	11/09/01	JAPAN			X	
WO	0	1	/	5	2	5	3	1	07/19/01	W.I.P.O.				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	English Language Abstract of No. 11-248996.
	2	English Language Abstract of No. 2001-311868.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.